

SUBMITTAL DATA: MXZ-2A20NA
MULTI-INDOOR UNIT INVERTER HEAT-PUMP SYSTEM

Job Name:	Location:	Date:
Purchaser:	Engineer:	
Submitted to:	For ☐ Reference ☐ Approval ☐ Construction	
Unit Designation:	Schedule No.:	

GENERAL FEATURES

- Limited warranty: one year on parts and defects and six years on compressor
- Compact side discharge outdoor unit
- Zone control
- Wireless remote controller
- Automatic fan speed control
- Quiet operation – both indoor and outdoor units
- Auto restart following a power outage
- Self check function – onboard diagnostics
- Advanced microprocessor control

Cooling

Rated capacity 20,000/(7,800 ~ 20,000) Btu/h
SEER 15.0 Btu/h/W
Power consumption 2,150/(630 ~ 2,150) W
Power supply 208 / 230V, 1 Phase, 60 Hz

Heating

Rated capacity 22,000/(8,500 ~ 22,000) Btu/h
Power consumption 1,780/(520 ~ 1,780) W
HSPF (I/V) 9.0
Weight (lbs/Kg) 130 / 59
Field drain pipe size I.D. (inches/mm) 1/2 / 12.7
Compressor DC inverter/twin rotary
MCA 15
Fan motor 0.96 F.L.A.
Sound level 51 dB(A)

DIMENSIONS		INCHES	MM
inches	W	33-1/16	840
	D	13-19/32	330
	H	27-15/16	710

Weight (lbs/Kg) 128 / 58
Refrigerant type R410A
Refrigerant pipe size O.D. (inches/mm)
gas side 3/8 / 9.5
liquid side 1/4 / 6.35
Max. refrigerant pipe length (ft/m) 164 / 50
Max. refrigerant pipe height difference (ft/m) 33 / 10
Connection method flared


Remote
Controller


Outdoor Unit: MXZ-2A20NA

INDOOR MODELS
MSZ-A09NA

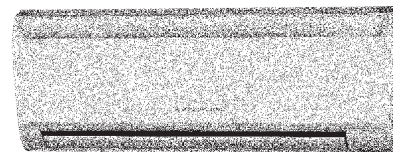
9,000 Btu/h Cooling
10,900 Btu/h Heating

MSZ-A12NA

12,000 Btu/h Cooling
13,600 Btu/h Heating

MSZ-A15NA

15,000 Btu/h Cooling
18,000 Btu/h Heating


NOTES :

*1. Rating conditions (cooling)-indoor : D.B. 80°F, W.B. 67°F
outdoor : D.B. 95°F, W.B. 75°F.

*2. Rating conditions (heating)-indoor : D.B. 70°F, W.B. 60°F outdoor : D.B. 17°F, W.B. 15°F.

Operating range

		Indoor intake air temp.	Outdoor intake air temp.
Cooling	Maximum	D.B. 95°F, W.B. 71°F	D.B. 115°F
	Minimum	D.B. 67°F, W.B. 57°F	D.B. 14°F *
Heating	Maximum	D.B. 80°F, W.B. 67°F	D.B. 70°F, W.B. 59°F
	Minimum	D.B. 70°F, W.B. 60°F	D.B. 12°F, W.B. 10°F

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Notes:

COOLING: MXZ-2A20NA

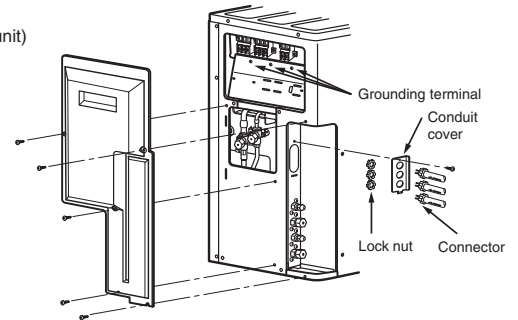
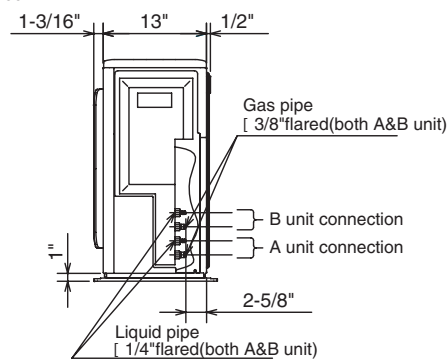
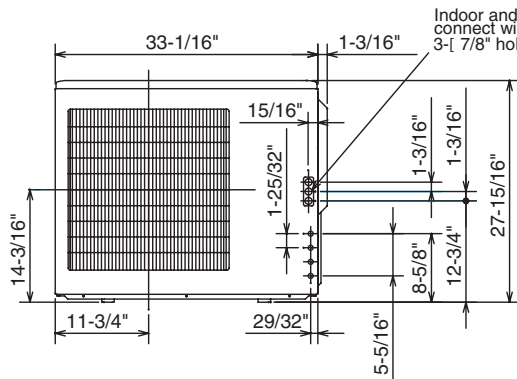
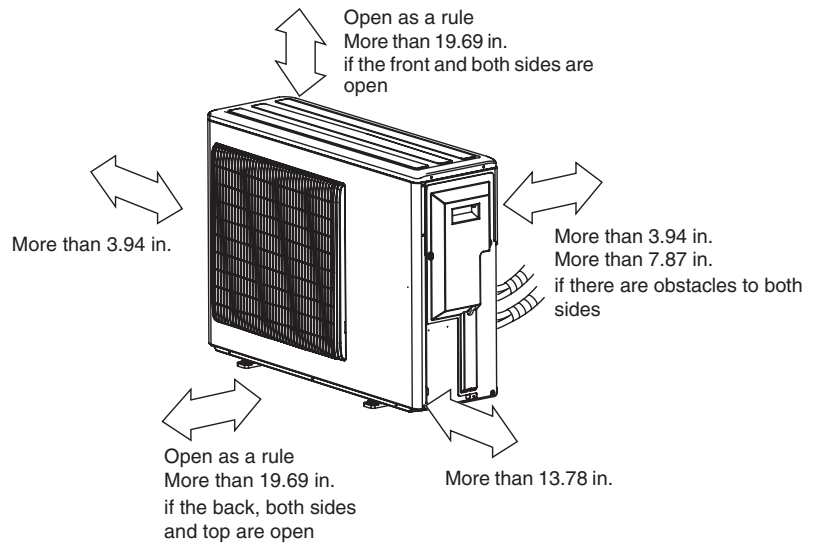
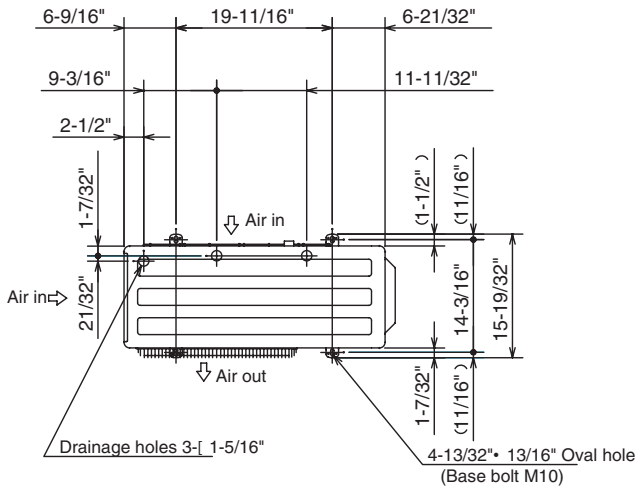
Indoor units combination	Cooling capacity (Btu/h)			Power consumption (W)	Current (A)		Power factor (%)
	Unit A	Unit B	Total		208V	230V	
09	9,000		9,000 (5,400 ~ 9,000)	730 (490 ~ 730)	3.69	3.34	95
12	12,000		12,000 (5,400 ~ 12,000)	990 (490 ~ 990)	5.01	4.53	95
15	15,000		15,000 (5,400 ~ 15,000)	1,540 (490 ~ 1,540)	7.79	7.05	95
09+09	9,000	9,000	18,000 (7,800 ~ 18,000)	1,740 (630 ~ 1,740)	8.62	7.80	97
09+12	8,500	11,500	20,000 (7,800 ~ 20,000)	2,150 (630 ~ 2,150)	10.66	9.64	97
09+15	7,500	12,500	20,000 (7,800 ~ 20,000)	2,150 (630 ~ 2,150)	10.66	9.64	97
12+12	10,000	10,000	20,000 (7,800 ~ 20,000)	2,150 (630 ~ 2,150)	10.66	9.64	97

HEATING: MXZ-2A20NA

Indoor units combination	Heating capacity (Btu/h)			Power consumption (W)	Current (A)		Power factor (%)
	Unit A	Unit B	Total		208V	230V	
09	10,900		10,900 (5,200 ~ 15,400)	940 (480 ~ 1,430)	4.76	4.30	95
12	13,600		13,600 (5,200 ~ 16,400)	1,180 (480 ~ 1,460)	5.97	5.40	95
15	18,000		18,000 (5,200 ~ 21,100)	1,720 (480 ~ 2,100)	8.70	7.87	95
09+09	10,900	10,900	21,800 (8,500 ~ 21,800)	1,820 (520 ~ 1,820)	9.02	8.16	97
09+12	9,500	12,500	22,000 (8,500 ~ 22,000)	1,780 (520 ~ 1,780)	8.82	7.98	97
09+15	8,250	13,750	22,000 (8,500 ~ 22,000)	1,780 (520 ~ 1,780)	8.82	7.98	97
12+12	11,000	11,000	22,000 (8,500 ~ 22,000)	1,780 (520 ~ 1,780)	8.82	7.98	97

DIMENSIONS: MXZ-2A20NA

REQUIRED SPACE



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